AMENDMENTS TO THE ABSTRACT

Please amend the abstract as follows:

A soft-switched, full-bridge pulse-width-modulated converter and its variations provide zero-voltage-switching conditions for the turn-on of the bridge switches over a wide range of input voltage and output load. The FB PWM converters of this invention achieve ZVS with a substantially reduced duty cycle loss and circulating current, which optimizes the conversion efficiency. The ZVS of the primary switches is achieved by employing an auxiliary circuit having ~~comprising~~ an inductor and transformer to store energy for ZVS turn-on of the bridge switches.